

Title (en)
Decontamination process.

Title (de)
Dekontaminierungsverfahren.

Title (fr)
Procédé de décontamination.

Publication
EP 0575180 A1 19931222 (EN)

Application
EP 93304747 A 19930617

Priority
US 90028192 A 19920618

Abstract (en)
An economical process for separating chemical contaminants such as volatile and semivolatile organic chemicals and polychlorinated biphenyls (PCBs), even if the contaminants are present at low concentrations, from inert materials such as soils or sludges. The process comprises subjecting a feed material to a reduced pressure of from 6.6×10^{-3} to 5.3×10^{-4} Pa at a temperature below the incineration or pyrolysis temperature of the material but effective to volatilize chemical contaminants present therein, and substantially continuously removing the resulting evolved vapours for a period of time sufficient to effect the desired degree of decontamination of the material.

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B09B 5/00

IPC 8 full level
A62D 3/00 (2007.01); **B09C 1/06** (2006.01); **C02F 11/00** (2006.01); **C10G 7/00** (2006.01); **F26B 5/04** (2006.01); **F26B 25/00** (2006.01)

CPC (source: EP US)
B09B 3/45 (2022.01 - EP US); **B09C 1/06** (2013.01 - EP US); **C02F 11/004** (2013.01 - EP US); **C10G 7/006** (2013.01 - EP US); **F26B 5/04** (2013.01 - EP US); **F26B 25/006** (2013.01 - EP US); **C02F 2101/006** (2013.01 - EP US)

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[A] EP 0324566 A2 19890719 - CHEMICAL WASTE MANAGEMENT [US]

Cited by
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